ENGLISH

PS-810
Barcode reader
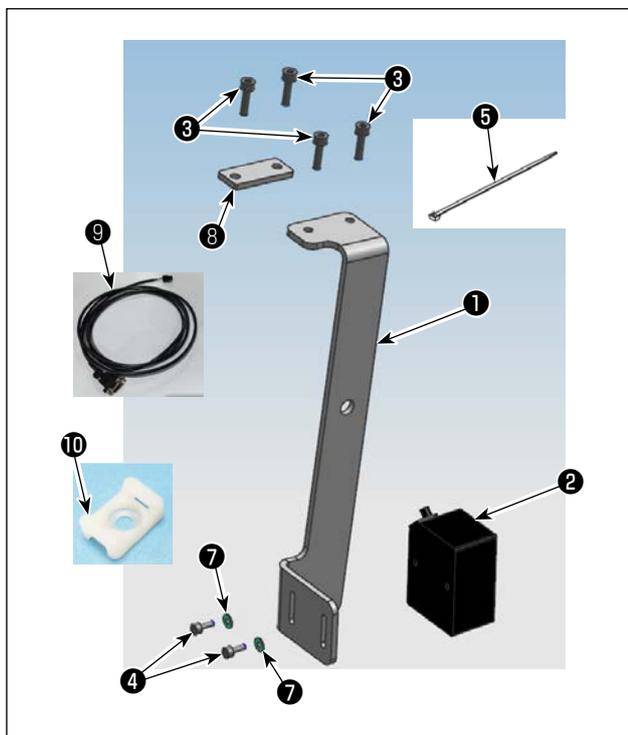# INSTRUCTION MANUAL

# CONTENTS

1. Installing the parts

⚠️ **WARNING :**
Be sure to turn OFF the power supply and air supply to the sewing machine before attaching the parts in order to protect against accidents caused by an unintended start of the sewing machine.

1-1. Barcode mounting

1) Secure the barcode reader ❷ and mounting plate ❶ with screws ❹ and washers ❼ .

No.	Part number	Part name	Qty
❶	40234788	Barcode reader mounting plate	1
❷	40235199	Barcode reader	1
❸	40234494	Screw	4
❹	40235469	Screw	2
❺	40235332	Cable clip band	4
❻	40235331	Barcode	1
❼	40234514	Washer	2
❽	40240831	Mounting plate	1
❾	40313551	Barcode reader cable	1
❿	KX000000210	Tie mount	3
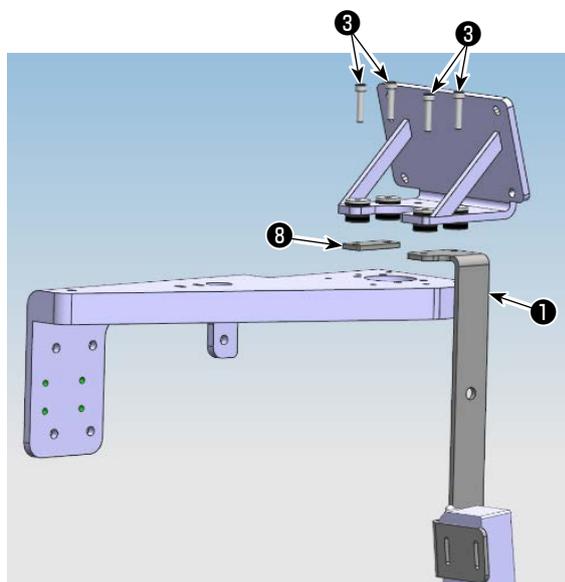
2) Detach screws ❸ (four pieces) of the operation rubber. Install barcode reader mounting plate ❶ under the operation panel mounting base with screws ❸ (two pieces).
Install mounting plate ❽ under the operation rubber with screws ❸ (two pieces).
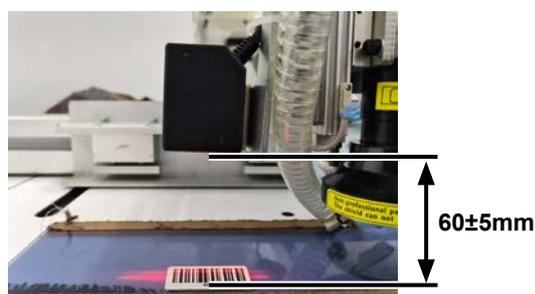
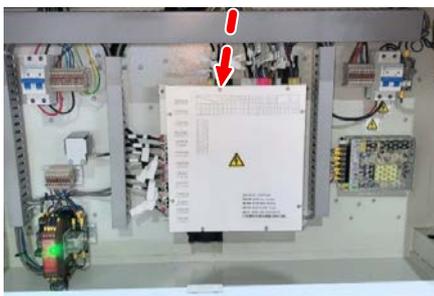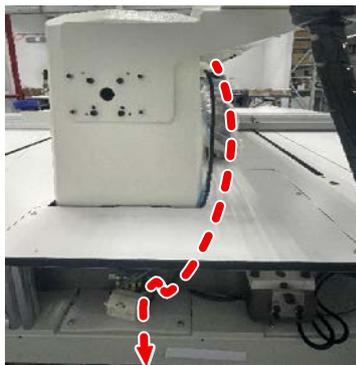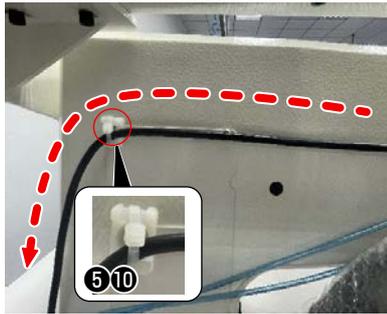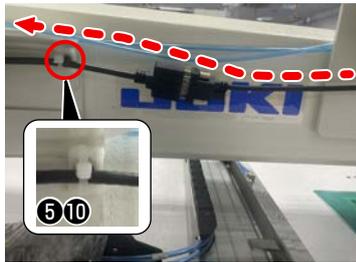3) Adjust the position of barcode reader ❷ so that it is spaced 60±5 mm. Then, secure it with screw ❹ .
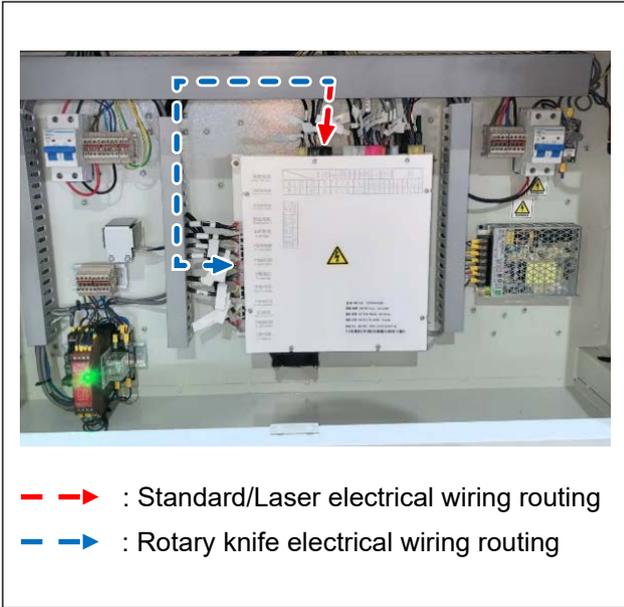
⚠️ Caution **When bundling the barcode cable, slightly loosen the cable near the barcode reader.**

60±5mm

1-2. Wiring installation

[PS-810-13085 wiring installation]
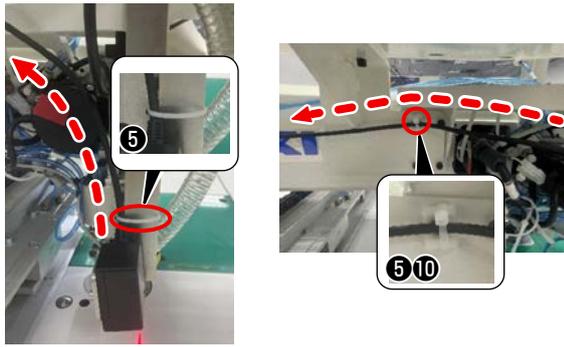
1) Route the relay cable ❾ along the machine frame toward the electrical control box. Secure the cable with the timer mount ❿ and cable clip band ❺ .

- - ➤ : Standard/Laser electrical wiring routing

- - ➤ : Rotary knife electrical wiring routing

Standard/Laser electrical control box

Rotary knife electrical control box

2) Pass the relay cable ❾ through the duct, and then connect the connector to the RFID port on the electrical control box.

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  (Caution) **RFID and barcode functions cannot be used simultaneously.**

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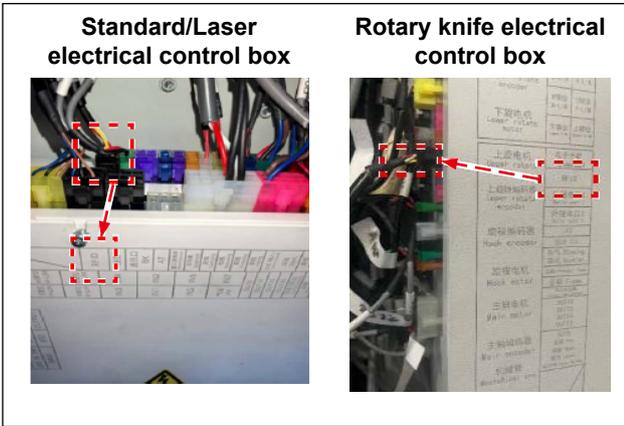
[PS-810-8045/10045 wiring installation]

1) Route the relay cable ❾ along the machine frame toward the electrical control box. Secure the cable with the timer mount ❿ and cable clip band ❺ .
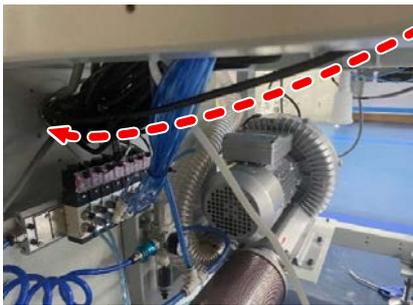
- – – ➤ : Standard/Laser electrical wiring routing
- – – ➤ : Rotary knife electrical wiring routing

Standard/Laser electrical control box
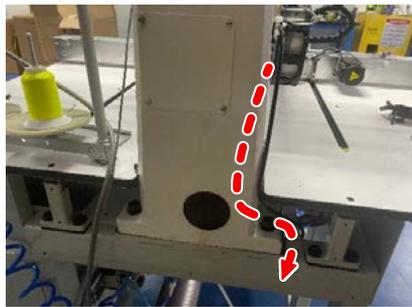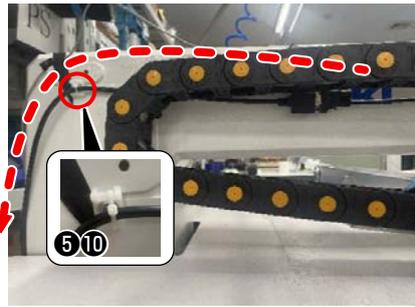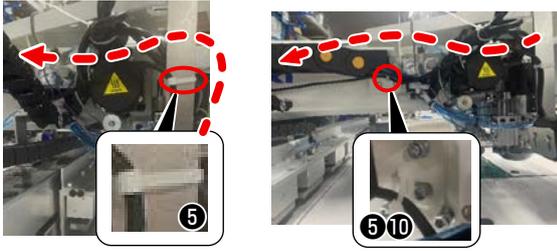
Rotary knife electrical control box

2) Pass the relay cable ❾ through the duct, and then connect the connector to the RFID port on the electrical control box.
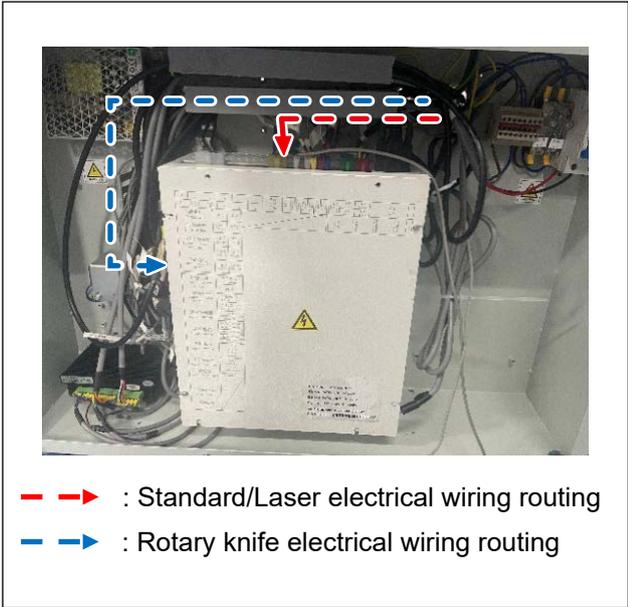
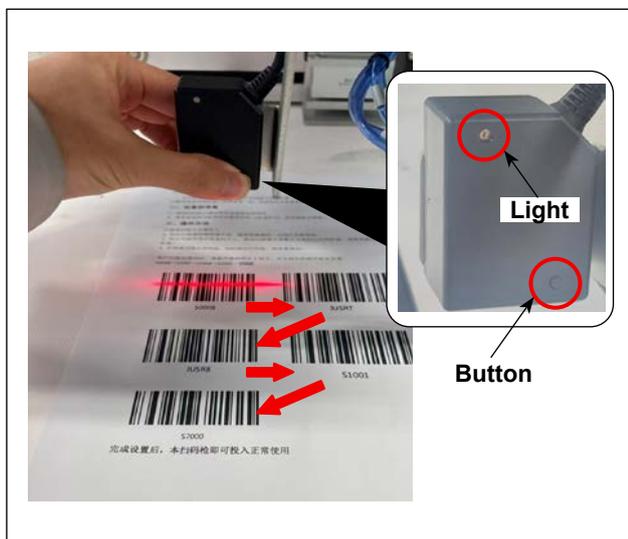> ⚠ Caution **RFID and barcode functions cannot be used simultaneously.**
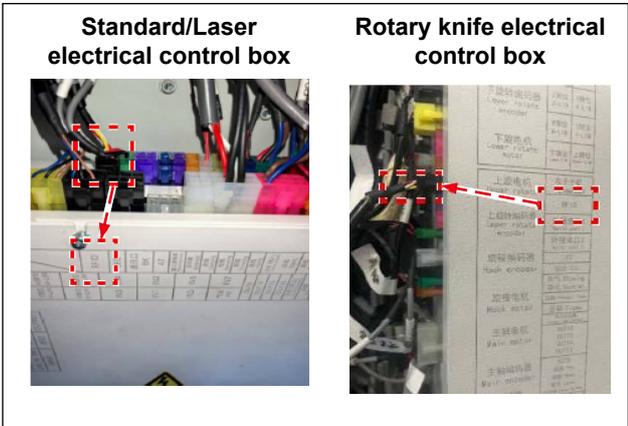
1-3. Barcode reader calibration

> ⚠ **Caution** If the option is added later, additional action is required.

1) Print out the barcode shown on the left on paper.

① S0008   ② IUSRT
③ IUSR8   ④ S1001
⑤ S7000

Light

Button

2) Press and hold the button on the barcode reader, and scan the printed barcode in the order of ① to ⑤.
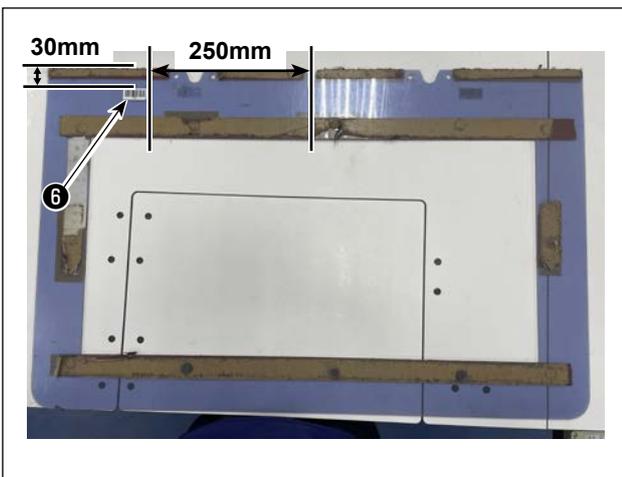The barcode reader will emit a beep and the indicator light will flash, indicating that calibration is complete.

1-4. Barcode sticker attachment
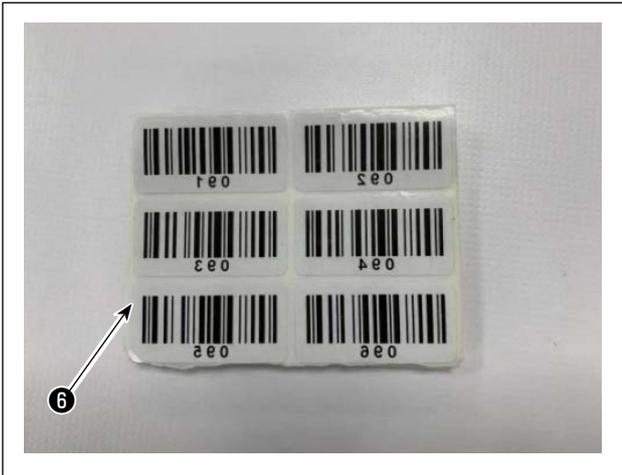
4) Take out a seal from barcode seals ❻ provided.

> ✎ **Reference** One hundred barcode seals (with serial numbers from 001 to 100) are provided.

5) Stick the barcode seal to the cassette at the position that is 250 mm left from the center of cassette (setup guide) and 30 mm below the upper side of cassette.
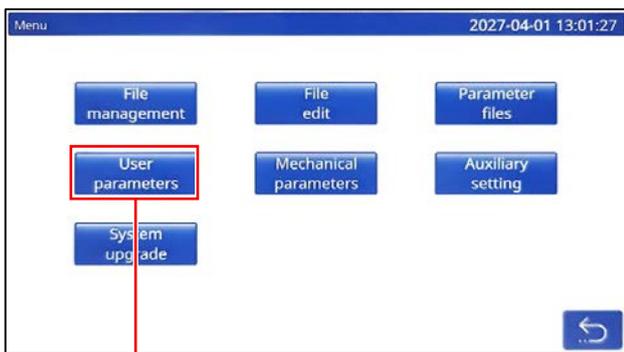
> ✎ **Reference** The aforementioned sticking position is recommended. It is acceptable to stick the barcode seal at any position that will not interfere with the recognition of the barcode seal by the barcode reader.

2. Setting the barcode functions

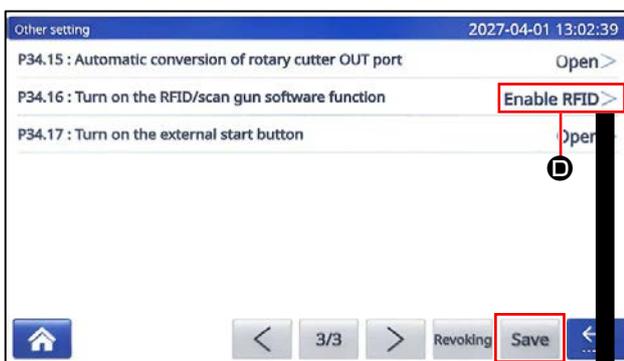### 2-1. Setting the barcode functions on the operation panel
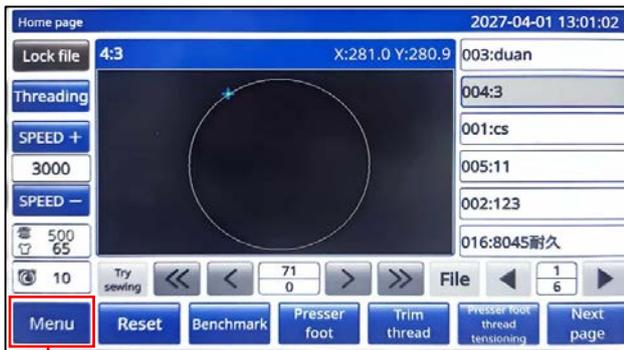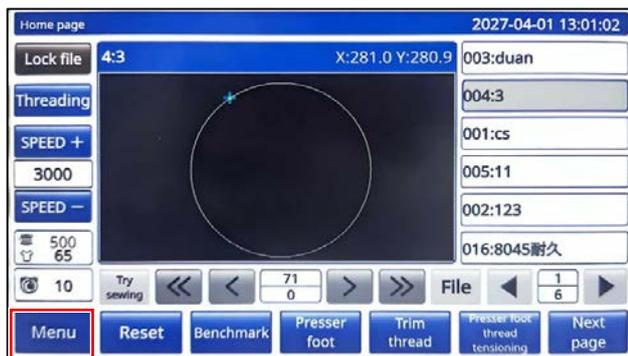

1) Press button Ⓐ.

2) Press button Ⓑ.

3) Press button Ⓒ.

4) To recognize the template, change Ⓓ from "Enable RFID" to "Enable scanning gun", and then press Ⓔ.

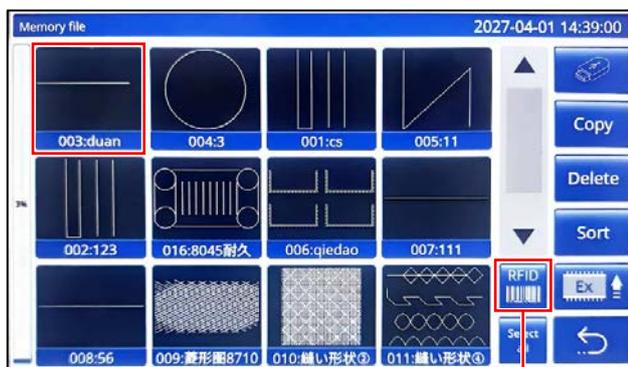## 2-2. Setting the barcode number

Ⓐ
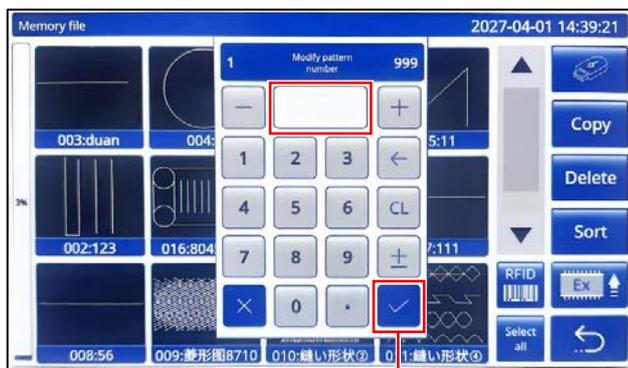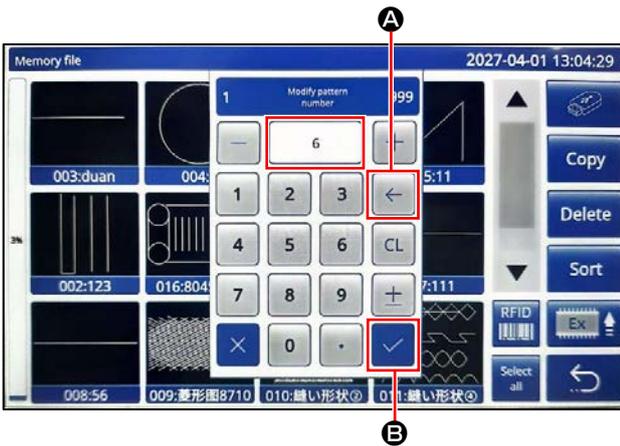
1) Press button Ⓐ.

2) Press button Ⓑ.

Ⓒ
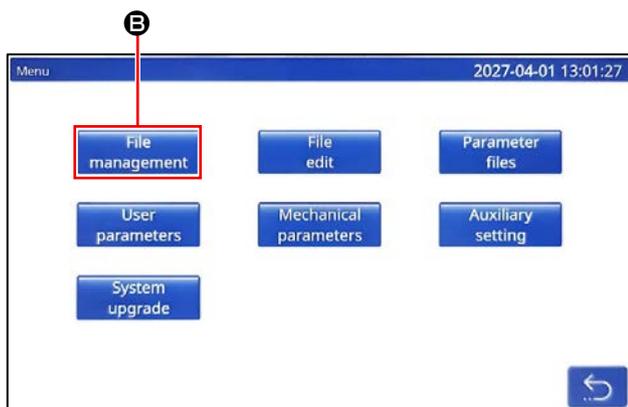
3) Select the sewing pattern file you want to read and press button Ⓒ.

Ⓓ

4) Enter the number.
   Press button Ⓓ to store the data.

2-3. Cancelling the barcode number

Press the button Ⓐ to delete all numbers. Press button Ⓑ.
The barcode number will be cleared.

2-4. How to use the barcode reader

1) Press button Ⓐ to lock the pattern conversion.

> ⚠ Caution
> **The barcode is enabled by locking the pattern conversion.**
> **When the pattern conversion is locked, pattern list Ⓑ changes its color to gray.**

2) Place the barcode seal in the cassette right under the barcode reader.
   When the barcode reader recognizes the barcode, the barcode reader beeps.

> ⚠ Caution
> **If the barcode reader does not beep, adjust the vertical position of the barcode reader.**
> **If the pattern is not converted even when the barcode reader beeps, check the self lock.**

3) Check whether the pattern is converted appropriately.

3. Barcode identification failure

3-1. Poor calibration of the barcode reader

Refer to **"1-3. Barcode reader calibration" p.6** and recalibrate the reader.

3-2. Poor connector connection

Check the connection of relay cable ❾ .

Standard/Laser electrical control box	Rotary knife electrical control box